

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION5 Entitled : A NATURAL AQUEOUS COMPOSITION AND A MACHINE
FOR DRY CLEANING TEXTILES AND LEATHERS

Inventors : Christian ELOY

10 Assignee :

ABSTRACT OF THE DISCLOSURE

15

The present invention relates to an aqueous composition for dry cleaning and/or degreasing textiles and/or leathers, which composition is natural and biodegradable. The dry cleaning composition of the invention comprises in particular essential oils and surface active agents, it is etherizable and micronizable, and its ingredients are exclusively of vegetable origin. The invention also relates to a method of dry cleaning and/or degreasing textiles and/or leathers implementing the above-described aqueous composition, the method comprising a succession of stages of tumbling the textiles and/or leathers in a leaktight enclosure, wherein one of the stages consists in impregnating the textiles and/or leathers with a small quantity of an aqueous composition by means of pneumatic atomization at a size no more than 50 μm , for a limited duration, and at a temperature of about 35° to 45°C, until the total weight gain is about 5% to 70%. The invention also relates to a machine for dry cleaning and/or degreasing textiles and/or leathers by implementing said method.